

CONTROLLING ACCESS TO RECORDS STORED IN A DATABASE

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ABSTRACT OF THE DISCLOSURE

Techniques for providing limited access to data stored in records of
databases are disclosed. The techniques can be implemented in a database
program operating on a computer system. The database program can provide a
Graphical User Interface that can be used to conveniently define calculation
10 expressions that limit operations on the records of the database. The calculation
expression can be defined for a user or group of users with respect to a particular
operation that can be requested to be performed on the records of the database.
The calculation expression can be defined based on fields of the records, as well
as other information, for example, various state variables of the database (e.g.,
15 date, time, number of records, etc.) The calculation expression can, in turn, be
evaluated with respect to each record to determine whether a request to perform
an operation on that particular record should be granted or denied.

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